

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 054726-0115	SERIAL NO. 09/992,205
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Hubert F. Metzger	
		FILING DATE 11/06/2001	GROUP ART UNIT 0742 Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>DEV</i>	A1	6,217,729	04/17/2001	Zolotarsky et al.	11	11	
<i>DEV</i>	A2	5,925,231	07/20/1999	Metzger	11	11	
<i>DEV</i>	A3	5,707,428	01/13/1998	Carlton	11	11	
<i>DEV</i>	A4	5,409,594	04/25/1995	Al-Jiboory et al.	11	11	
<i>DEV</i>	A5	4,830,758	05/16/1989	Bodine	11	11	
<i>DEV</i>	A6	4,812,219	03/14/1989	Sattrup et al.	11	11	
<i>DEV</i>	A7	4,585,540	04/29/1986	Beer et al.	11	11	
<i>DEV</i>	A8	4,503,769	03/12/1985	Andersen	11	11	
<i>DEV</i>	A9	4,352,727	10/05/1982	Metzger	11	11	
<i>DEV</i>	A10	3,933,601	01/20/1976	Ishibashi et al.	11	11	
<i>DEV</i>	A11	3,923,610	12/02/1975	Bergin et al.	11	11	
<i>DEV</i>	A12	3,647,646	03/07/1972	W. M. Tucker et al.	11	11	
<i>DEV</i>	A13	3,351,539	11/07/1967	N. G. Branson	11	11	
<i>DEV</i>	A14	2,702,260	02/15/1955	F. Massa	11	11	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>DEV</i>	A15	EP 0 248 118	12/09/1987	European	11	
<i>DEV</i>	A16	DE 41 13 361	10/31/1991	Germany	11	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>DEV</i>	A17	H.E. Ricks, "Ultrasonics Improves, Shortens, and Simplifies Plating Operations," MPM, pages 47-49 (March 1962) BEST AVAILABLE COPY
<i>DEV</i>	A18	W.D. Mogerman, "Ultrasonics in the Plating Industry," PLATING, pages 941-947 (August 1967) BEST AVAILABLE COPY
<i>DEV</i>	A19	Electroplating Engineering Handbook (Van Nostrand Reinhold Company, A. Kenneth Graham, ed. 1971, 4 pages total)
<i>DEV</i>	A20	Ultrasonics General Information (printed from Internet on November 14, 1996; dated March 18, 1995, 3 pages total)

EXAMINER <i>Donald R. Valentine</i>	DATE CONSIDERED <i>6/5/02</i>
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- * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

Hubert F. Metzger

11/06/2001

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Maurice O'Donoghue, The Ultrasonic Cleaning Process (printed from Internet on November 14, 1996; dated March 6, 1996, 6 pages total)

B2

J.R. Cox, "The Impact of Electromechanical Engraving Specifications on Streaking and Hazing," Gravure, pages 12-15 (Winter 1994) **BEST AVAILABLE COPY** (20 month)

B3

R. Martin AG brochure entitled "Plating installations type B" (selected pages) (no date), 4 pages total

B4

Dixon Ticonderoga Company, "Grapho Kote no. 4 Ladle Coating," Product Data Sheet Pds – G332, 3 pages (no date)

B5

Crest Ultrasonics Corporation, "Martin Walter Push-Pull™ Transducers" Technical Specifications
(2 pages, no date)

B6

Eltech, Anode Technologies Group "DSA® Insoluble Anodes For Wire Plating", Copyright 2001 (2 pages).

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